

**GUARD MECHANISM ATTACHABLE TO STANDARD SYRINGES TO MAKE
THEM INTO DISPOSABLE AUTOMATIC SAFETY SYRINGES AND RELATIVE
DISPOSABLE AUTOMATIC SAFETY SYRINGE**

ABSTRACT

In a syringe (100) comprising a syringe body (1) hollow on
the inside, a plunger (4) slidable in the syringe body (1)
and provided at the rear with a shaft (41) that can be
5 operated manually, an injection needle (2) engageable to
the front end (13) of the syringe body (1) by means of a
needle-carrier (20), there is attached a guard mechanism
(200) comprising a sleeve (5), a spring (7) and a abutment
member (8) for the spring. The abutment member (8) is
10 mounted in the head of the syringe and the spring (7) is
disposed between the sleeve (5) and the abutment member
(8). The sleeve (5) can pass from a retracted position of
use, wherein the needle (2) protrudes forward therefrom to
a forward position of safety, wherein it covers the needle.

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Figure 1